

PART 6: GENERAL INFORMATION

LIMITED WARRANTY

Smoke Signal Broadcasting guarantees (to the original purchaser) its disk system hardware for a period of 90 days from date of purchase. Smoke Signal Broadcasting will, at its option, repair or replace any disk system with a hardware defect returned to it postpaid within 90 days from date of purchase, provided that, in its opinion, the defect was not caused by improper handling or improper connection to the host computer or a malfunction of the host computer. Shipping charges for return of the repaired unit to the purchaser shall be paid by Smoke Signal Broadcasting. The liability of Smoke Signal Broadcasting is specifically limited to repair or replacement of the hardware and shall not extend to consequential or incidental damages suffered by the user; nor, shall Smoke Signal Broadcasting be liable for any representation as to the suitability of the its disk systems to any particular user application unless such representation is in writing and signed by an officer of Smoke Signal Broadcasting.

In the event of a problem during the warrantee period:

- 1) We suggest that you call first and explain your problem. Technical personnel are available from 9 AM to 5 PM local California time at (213) 889-9340. Many times problems can be solved quickly over the phone, thus, saving you time.
- 2) If it is necessary to return your unit for repair, send it to:

Smoke Signal Broadcasting
31336 Via Colinas
Westlake Village, CA 91361

- 3) Be sure that the unit is packed adequately and that a brief explanation of the problem is enclosed with the unit.
- 4) Be sure to include your return address and a phone number where you can be reached during business hours.

Some states do not permit the limitation or exclusion of incidental or consequential damages. In those states this limited warrantee is not valid and the system is sold AS IS. See our repair policy.

While in the interest of good customer relations, Smoke Signal Broadcasting will attempt to correct any software errors brought to its attention, the software is provided AS IS without warrantee.

This warrantee is in lieu of all other warranties expressed or implied.

REPAIR POLICY

In most cases, repairs will be made within 7 days of receipt. No charge will normally be made for repairs to units returned to us within 90 days of purchase even in states where the limited warrantee does not apply. This should be construed only as a statement of policy and not as a guarantee or legal obligation to make such repairs.

After 90 days from date of purchase, repairs will be made according to a flat rate repair schedule unless the unit has been subject to physical damage or connected to improper voltages. The current charge for repairs to a disk system is \$95.00. You pay the shipping charges to us, we pay the return charges. If outside the United States, these provisions do not apply and you should contact us for instructions. Generally, you will be referred to a repair facility in your country since customs clearance charges run about \$100. This is in addition to shipping charges.

SOFTWARE LICENSE

The purchaser of a disk system purchases, in addition to the hardware, a license for the limited use of the DOS-68 software supplied with the system. This license allows the purchaser to use the software on any disk system manufactured by Smoke Signal Broadcasting and to make copies of the software for use on any disk system manufactured by Smoke Signal Broadcasting. Use of the software on any other disk system or the copying of the software for any other use is a violation of this license unless specific written approval for other uses has been obtained from an officer of Smoke Signal Broadcasting.

USER GROUP INFORMATION

Smoke Signal Broadcasting operates a 6800 program users group. Purchase of a SSB disk system and return of the warrantee registration form entitles the user to a one year membership to the users group. the purpose of the group is to provide a low-cost program exchange service to group members. We do not intend the users group to become a profit center for Smoke Signal Broadcasting, however, we will attempt to recover the direct expenses of program duplication, advertising of the user's group and of employees assigned to user group projects.

To help us meet the goal of a low cost program exchange service, we would appreciate the contribution of all types of programs for 6800 based systems - not necessarily disk based systems.

We are particularly interested in additional transient commands for our disk systems. If everyone will share with us the programs they have created to make the operation of their disk system more convenient to them, it will quickly enhance the value of all our systems.

It is hoped that shorter programs, 500 bytes or so, will be contributed without charge. For longer programs, where the contributor needs to recover some of his development costs, a royalty will be paid. Large general purpose programs (BASIC, FORTRAN, editors, etc) will be extensively advertised to insure wide distribution, low cost to the user, and reasonable compensation to the program author.

We believe that the SSB disk systems are by far the best disk systems available to the microcomputer user today. Your support of the users group will enable us to provide evolutionary changes to the system that will keep it the leader in microcomputer disk systems.

APPENDIX A

DOS68 VERSION 5 MEMORY MAP

\$6080 - \$69FF	DFM program area
\$6A00 - \$6D7F	DOS monitor program area
\$6D80 - \$727F	Transient Command Area (TCA)
\$7280 - \$777F	Monitor program area
\$7780 - \$7FFF	DFM program area
\$7F80 - \$7FFF	I/O buffer for ROM boot routine
\$3E00 - \$3FFF	EXECute program area. Used only when the EXEC function is activated.
\$0000 - \$5FFF	Is assumed to be user area when not used by the following commands.
\$0100 - \$3FFF	Is used by the "COPY" command
\$0100 - \$02FF	Is used by "SAVET" program
\$0100 - \$3FFF	Is used by "FORMAT" command

BFD/LFD/CHIEFTAIN BOOT ENTRY POINTS

\$8020 - DOS68	cold start boot entry - BFD/LFD
\$E7E0 - DOS68	cold start boot entry - CHIEFTAIN
\$A070 - \$A07F	ROM temporary table
\$A070 - \$A079	Stack for ROM when booting.

APPENDIX BMONITOR ENTRY POINTS

ENTRY ADDR	ENTRY NAME	FUNCTION:
\$7280	ZCOLDS	Monitor cold start
\$7283	ZWARMS	Monitor warm start
\$7286	ZOUTEE	Character output routine
\$7289	ZINCH	Character input routine
\$728C	ZMON	JMP to ROM monitor
\$7291	ZFLSPC	Get a file specification
\$7294	ZGCHAR	Get current character from the line buffer
\$7297	ZGNCHR	Get the next character from the line buffer
\$729A	ZANCHK	Check for alphanumeric
\$729D	ZDIE	Print command string, error message, and exit
\$72A0	ZGETHN	Get a hex value from the line buffer
\$72A3	ZADDX	Add the B register to the index
\$72A6	ZOUTST	Print a string
\$72A9	ZTYPDE	Type the disk error message
\$72AC	ZOUTHX	Print a byte in hex
\$72AF	ZOUTHX	Print an address in hex
\$72B5	ZLINEI	Input edited line from the terminal
\$72B8	ZLP	FORTTRAN Line printer output vector
\$72BB	ZPEEK	Peek ahead at next char. in line buffer.
\$72BE	ZOUTCH	User alterable output vector.
\$72C1	ZPUTCH	Directed output vector.
\$72C4	ZGETCH	Input directed vector.
\$72C7	ZSTAT	Terminal input status
\$72CA	ZRESTR	Restore I/O vectors
\$72CD	DCMDLN	Call DO processor.
\$72D0	ZEXCMD	Execute command
\$72D3	ZLOAD	LOAD - File loader
\$72D9	ZNAMEJ	Decode name and jump.
\$72DC	ZCRLF	Print carriage return and line feed
\$72DF	ZSTEXT	Enter user default file extension.

DOS68 PARAMETER TABLE

YMONV	EQU	PARTBL+\$00	DISK MONITOR VERSION
YMEMAX	EQU	PARTBL+\$02	USER MEMORY LIMIT
YLINAD	EQU	PARTBL+\$04	LINE BUFFER ADDRESS
YLINPT	EQU	PARTBL+\$06	LINE BUFFER RESET ADDR
YBSCHR	EQU	PARTBL+\$08	BACKSPACE CHARACTER
YDLIN	EQU	PARTBL+\$09	DELETE LINE CHARACTER
YLPAS	EQU	PARTBL+\$0A	LINE PAUSE CHAR
YLCNT	EQU	PARTBL+\$0B	LINE PAUSE RESUME
YABORT	EQU	PARTBL+\$0C	ABORT CHARACTER
YABRTV	EQU	PARTBL+\$0D	ABORT VECTOR ADDRESS
ZHCINT	EQU	PARTBL+\$0F	HARD COPY INITIALIZE
ZHCOUT	EQU	PARTBL+\$12	HARD COPY CHAR OUTPUT
YECHOC	EQU	PARTBL+\$15	MONITOR ECHO CONTROL ADR
YCPORT	EQU	PARTBL+\$17	CONTROL I/O PORT 0=DISABLED
YPPORT	EQU	PARTBL+\$19	PRINTER I/O PORT 0=DISABLED
YDEPTH	EQU	PARTBL+\$1B	LINES/PAGE
YWIDTH	EQU	PARTBL+\$1C	CHARACTERS/LINE
YNULLS	EQU	PARTBL+\$1D	CR/LF NULLS
YHCFG	EQU	PARTBL+\$1E	HARD-COPY ENABLE
YEJECT	EQU	PARTBL+\$1F	BLANK LINES END OF PAGE
YPPAS	EQU	PARTBL+\$20	POST PAGE-PAUSE, 0=ON, 0=OFF
YSYSDR	EQU	PARTBL+\$21	SYSTEM DRIVE NUMBER
YWRKDR	EQU	PARTBL+\$22	WORK DRIVE NUMBER
YCLINE	EQU	PARTBL+\$23	CURRENT LINE NUMBER
YCCOL	EQU	PARTBL+\$24	CURRENT CHAR POSITION/COLUMN
YUCSWT	EQU	PARTBL+\$25	UPPER CASE SHIFT LOCK 0=>NOT UC
YOSWT	EQU	PARTBL+\$26	OUTPUT CONTROL SWITCH
YDCMDA	EQU	PARTBL+\$27	DO COMMAND PROCESSOR ACTIVE
YERSWT	EQU	PARTBL+\$28	SYSTEM ERROR SWITCH
YCFLG	EQU	PARTBL+\$29	COMMAND LOAD FLAG
YLOADE	EQU	PARTBL+\$2A	LOAD ERROR FLAG
YTAFLG	EQU	PARTBL+\$2B	VALID TRANSFER ADDRESS FLAG
YTADDR	EQU	PARTBL+\$2C	TRANSFER ADDRESS
YOFSET	EQU	PARTBL+\$2E	OFFSET FOR FILE LOAD
YDATE	EQU	PARTBL+\$30	SYSTEM DATE STRING
YTIME	EQU	PARTBL+\$40	SYSTEM TIME STRING
EXTTBL	EQU	PARTBL+\$62	FILE EXTENSION TABLE

APPENDIX D

DOS68 COMMAND ERROR MESSAGES

DOS68 prints only its prompt character unless an error condition occurs. The following are error messages which can be generated by DOS68:

"CMD NOT FOUND" DOS68 could not find the command as being memory resident or disk resident.

"?" DOS68 does not understand the format of the command entered. Try again.

"ILL FILE NAME" A file name was entered incorrectly. Try typing the line again.

"NOT HEX NUM" An invalid digit was encountered in a hexadecimal number. Check the value and try again.

"NO TA" No transfer address was found on the transient command or the file to be RUN. The file was loaded but DOS68 does not know where to begin execution.

"CS ERR: XXXX" A checksum error has occurred during the reading of a binary file. XXXX is the address of the object record being loaded. The file has been written on (most likely by someone trying to patch the file). The file should be deleted and replaced with a backup copy.

"CLOSE ERR: XXXX" DOS68 has attempted to close a file left open by some program but the information in the File Control Block (FCB) needed to determine how to close the file is not valid, thus DFM68 cannot close the file. This is usually caused by a program corrupting the contents of the FCB. The only cure for this error is to re-boot DOS68. This is because part of DOS68 may also have been corrupted by the offending program.

"DISC ERR: XX" A Disk File Manager (DFM) error has occurred. XX is the DFM error code indicating the nature of the error. Refer to the ERROR CODES in the DFM Programming Tables to interpret the error code.

APPENDIX E

DFM PROGRAMMING TABLES

DFM ENTRY POINTS

FUNCTION	NAME	ADDRESS	PER	DOS68	ORG
DOS BASE ADDRESS		\$6000	\$A000		\$C000
OPEN DFM	ODFM	\$7780	\$B780		\$D780
DFM I/O	DFM	\$7786	\$B786		\$D786
CLOSE DFM	CFDM	\$7783	\$B783		\$D783

DFM FUNCTION CODES

CODE NUMBER	CODE NAME	DEFINITION
0	QFREE	* Report free space on disk
1	QSO4W	* Open a sequential file for write
2	QSWRIT	* Write data to sequential file
3	QSWC	* Close a sequential file for write
4	QSO4R	* Open a sequential file for read
5	QSRREAD	* Read data from sequential file
6	QSRC	* Close a sequential file for read
7	QDEL	Delete a file
8	QREN	Rename a file
9	QAPP	Append two files
10	QDIRI	* Open a disk directory
11	QDIRT	* Retrieve a file name from the directory
12	(reserved)	
13	QRAFC	* Read active FCB chain
14	(reserved)	
15	(reserved)	
16	QLOGD	* Log in a system disk
17	QLOGE	* Examine logged drive number
18	QSSR	* Single sector read
19	QSSW	* Single sector write
20	QCRF	Create random access file
21	QORF	Open random access file
22	QPRF	* Position random access file
23	QRRF	* Read from random access file
24	QWRF	* Write to random access file
25	QCLSRF	Close random access file
26	(reserved)	
27	(reserved)	
28	QERF	Expand random access file

* means the function processor is memory resident

DFM PROGRAMMING TABLES, cont

The disk resident functions are located in 2 system files. overlay files. These files must exist on the system disk for the disk resident DFM functions to be executed.

DFM OVERLAY FILE	FUNCTIONS:
DFM680.??2	QDEL, QREN, QAPP
DFM680.??3	QCRF, QORF, QCLSRF, QERF

Where ?? represents the revision number of DFM

DFM ERROR CODES

ERROR NO.	ERROR NAME	EXPLANATION
\$01	EIFC	Invalid DFM function code
\$02	EFE	File already exists
\$03	EFIB	Master file directory error
\$04	EFB	File in use
\$05	ENSF	File not found
\$06	EEOF	End of file
\$07	EDF	Disk full
\$08	EIFN	Invalid FCB address
\$09	EIFN	Illegal file name
\$0A	EFS	File status error
\$0B	EITS	Invalid track or sector number o
\$0C	EIUN	Illegal unit no.
\$0D	----	Unused, better left alone
\$0E	EDR	Disc read error
\$0F	EDW	Disc write error
\$10	EIFT	Illegal file type
\$11	ENER	Not enough room to create file
\$12	EWP	File is write protected
\$13	EDP	File is delete protected
\$14	EFSE	Random file size error (size=0 or too big)
\$15	EDWP	Disk is write protected
\$20	ENSD	Non-system disk in logged drive
\$21	ESFF	System file format error (should not occur)
\$22	ECSS	Checksum error on system file

DFM PROGRAMMING TABLES,cont

DOS68 CLOSE ERROR CODES

01XX	Illegal file activity. The file is not open for sequential read,write, or random accessing.
02XX	Unused.
03XX	File closing error - XX = DFM error code.
04XX	Read error on free chain descriptor. XX = 1771 Controller error status.
05XX	Write error on free chain descriptor. XX = 1771 Controller error status.

The following table enumerates the file type codes. These are the only valid file type codes which can appear in the lower four bits of the file type (XFT) in FCB's and FIB's.

FILE TYPE CODES

NAME	VALUE	TYPE
FTCS	1	Sequential compresses ASCII data.
FTSQ	2	Binary sequential.
----	3	(reserved)
FTRB	4	Byte mode random access.
FTRR	5	Record mode random access.
----	6-7	(reserved)
----	8-15	(unused)

The following table enumerates the file status codes. These are the only valid status codes which can appear in the lower four bits of the file status (XFS) in both FCB's and FIB's.

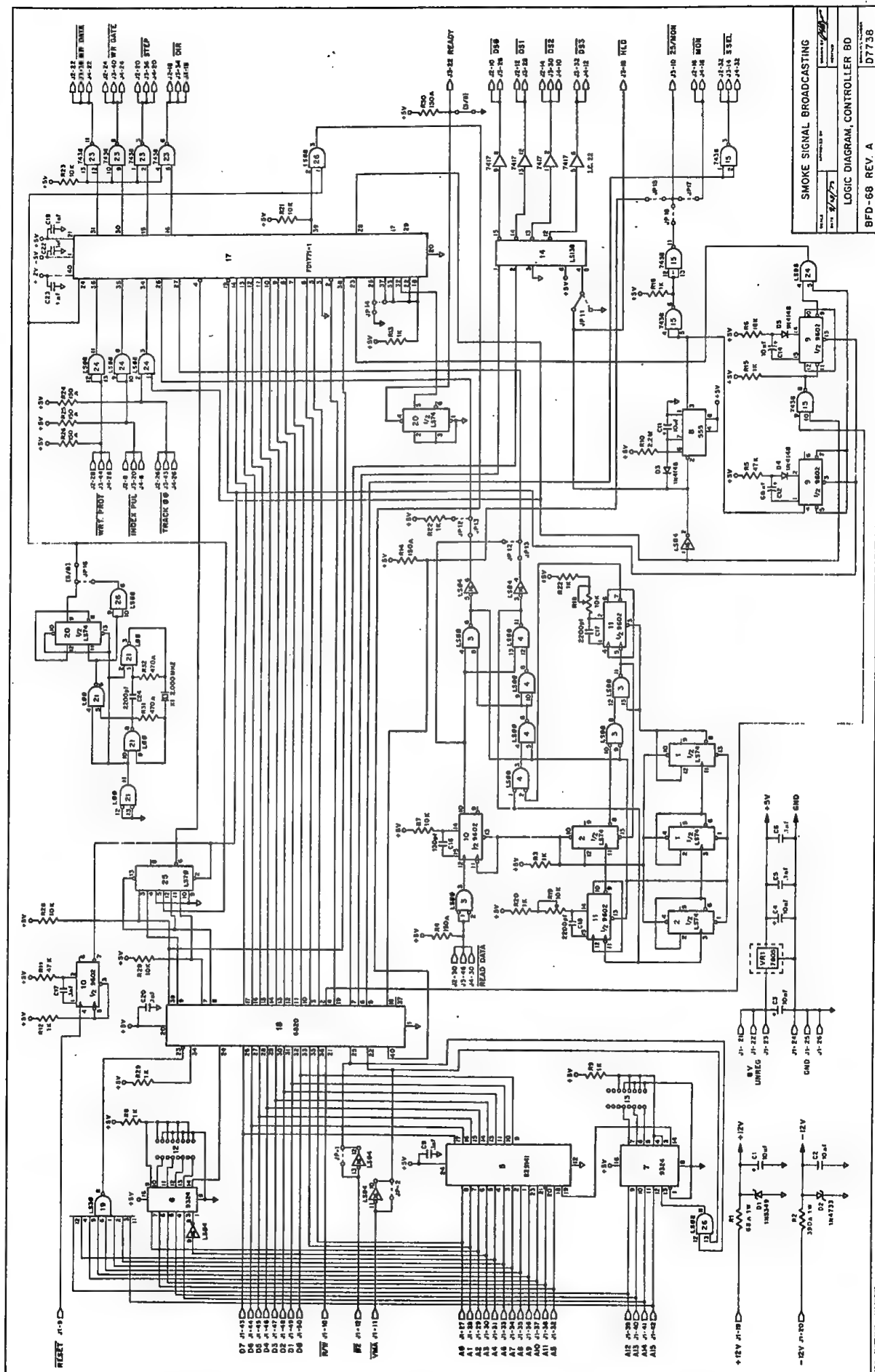
FILE STATUS CODES

NAME	VALUE	TYPE
FANA	0	Not active
FASR	1	Sequential read status.
FASW	2	Sequential write status.
FARA	3	Random access status.

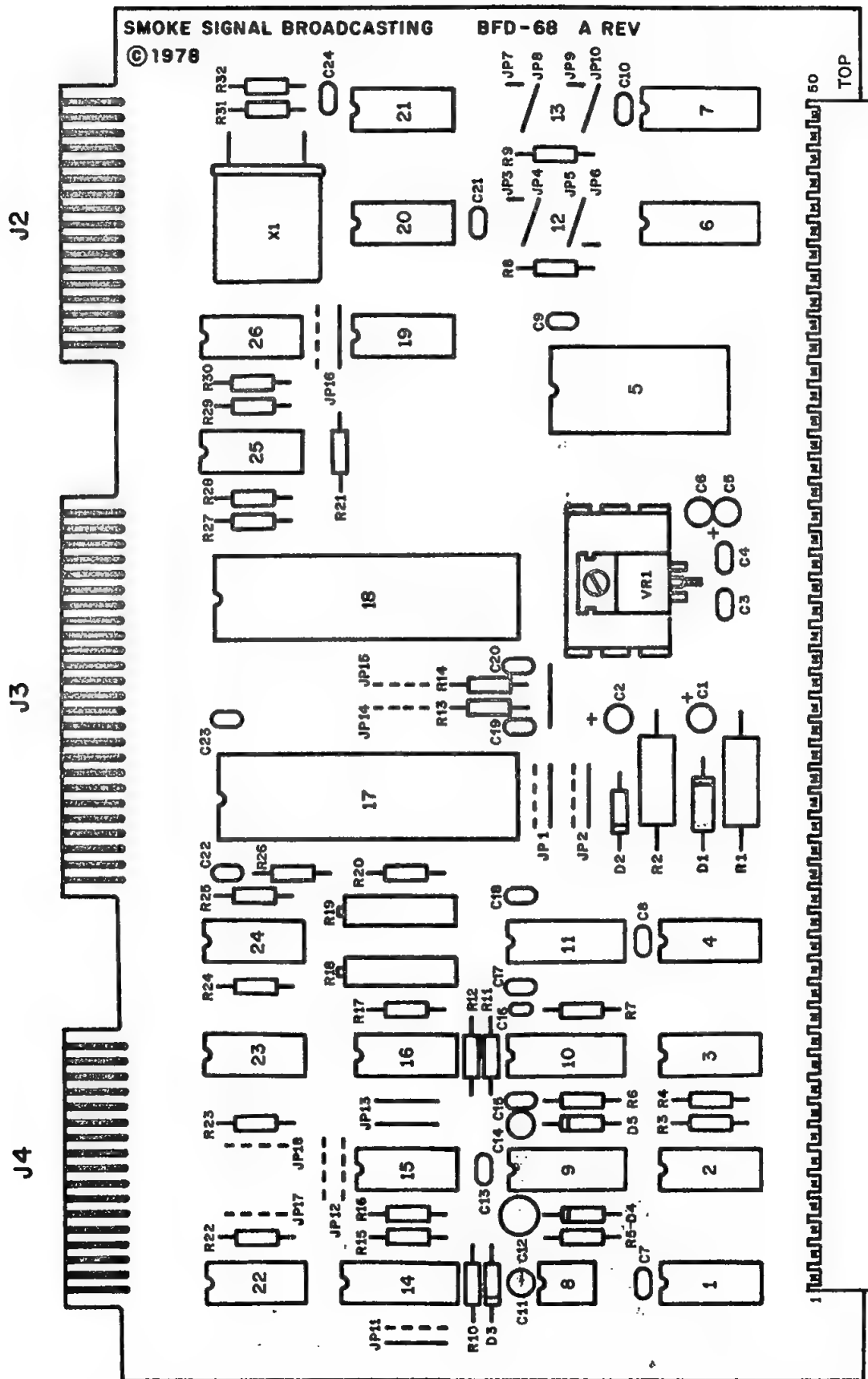
DFM PROGRAMMING TABLES, cont

EXTENSION TYPE CODES

TYPE	INITIAL DEFINITION	USE
0	BIN	Default extension for Binary binary object files created by the Assembler.
1	TXT	Default extension for Editor files and Assembler input files.
2	SRC	A source file.
3	BAS	A BASIC program
4	CTL	Default extension for control or procedure files that are processed by EXEC, and procedure files that are created by BUILD.
5	BAK	Reserved extension to be used only by the Editor for generating backup files.
6	DAT	A data file.
7	FOR	A FORTRAN program.
8	TMP	Reserved extension to be used only by the Editor for naming temporary work files.
9	' '	Spare - user definable.



CONTROLLER PARTS LOCATION



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TOP

11



4811 CALLE ALTO
CAMARILLO, CALIF.
93010
(805) 484-2851

Information contained;

1. Schematic
2. Parts List
3. Specifications
4. Outline and Mounting
5. General User Information

MODEL

FCBB - 90W

4811 CALLE ALTO
CAMARILLO, CALIF. 93010
(805) 484-2851



APPLICATION DATA

11496

REV. 1 OF 1

SPECIFICATIONS

AC Input: 115/230vac \pm 10% 47-440Hz.
(Derate output current 10% for 50Hz Operation.)
DC Output: Refer to Voltage/Current Rating Chart. Voltage adjustable \pm 5% minimum.
Input Fusing: Refer to AC Connection Table.
Line Regulation: \pm 0.05% for 10% input change.
Load Regulation: \pm 0.05% for 50% load change.
Output Ripple: 3.0mv Pk-Pk maximum, 0.4mv RMS.
Transient Response: 30 μ seconds for 50% load change.
Short Circuit and Overload Protection: Automatic current limit/foldback.
Reverse Voltage Protection: Provided on Dual and Triple output units.
Remote Sensing: Provided on outputs above 15watts, open sense lead protection built-in.
Stability: \pm 0.05% for 24hours after warm-up.
Temperature Rating: 0°C to 50°C full rated, derated linearly to 40% at 70°C.
Temperature Coefficient: \pm 0.02%/°C maximum, 0.002%/°C typical.
Cooling: Units are full rated 50°C in free air, must be derated or fan cooled when mounted in confined area.
Efficiency: 5V units-45%, 12 and 15V units - 55%, 20 and 24V units - 60% at nominal input, full load on output.
Vibration: Per Mil-Std-810B, Method 514, Procedure I, curve AB (to 50Hz).
Shock: Per Mil-Std-810B, Method 516, Procedure V.

AC CONNECTION TABLE

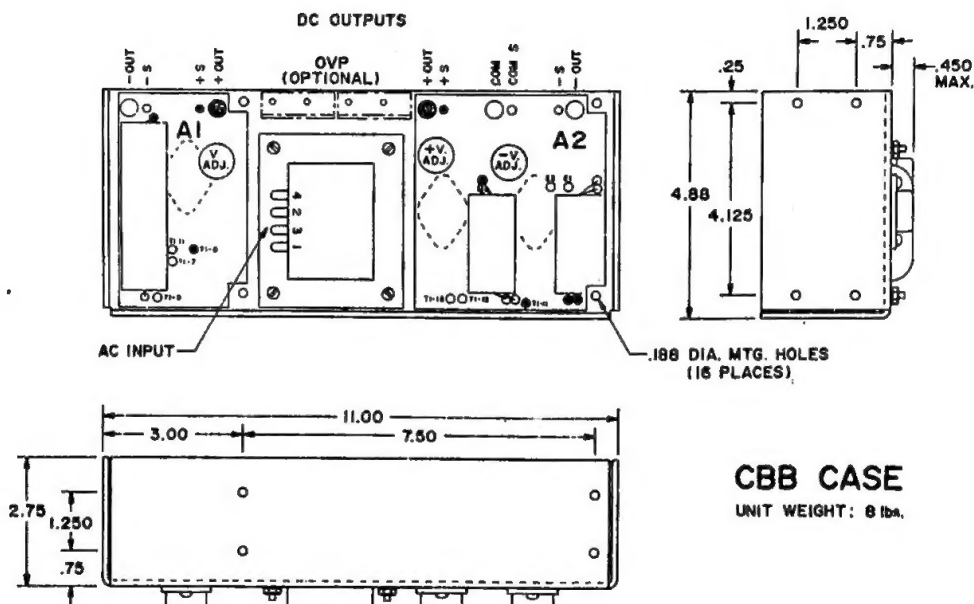
FOR USE AT	115 VAC	230 VAC
JUMPER	1 & 3, 2 & 4	2 & 3
APPLY AC AT	1 & 4	1 & 4
FUSE INPUT AT	3.0 AMPS	1.5 AMPS

VOLTAGE/CURRENT RATING CHART

MODEL	OUTPUT RATING
FCBB - 90W	24V. AT 3.0A. (3.5Pk)
	+5V. AT 3.0A. W/OVP OVP SET AT 6.2 \pm .4V.
	-5V. AT 1.0A. W/OVP OVP SET AT 6.2 \pm .4V.

2 YEAR GUARANTEE

CONDOR will repair or replace any power supply of its manufacture that does not perform to published specifications as a result of defective materials or workmanship for a period of 2 years from date of original purchase. No other obligations or liabilities are implied or expressed. Returns must be freight prepaid.



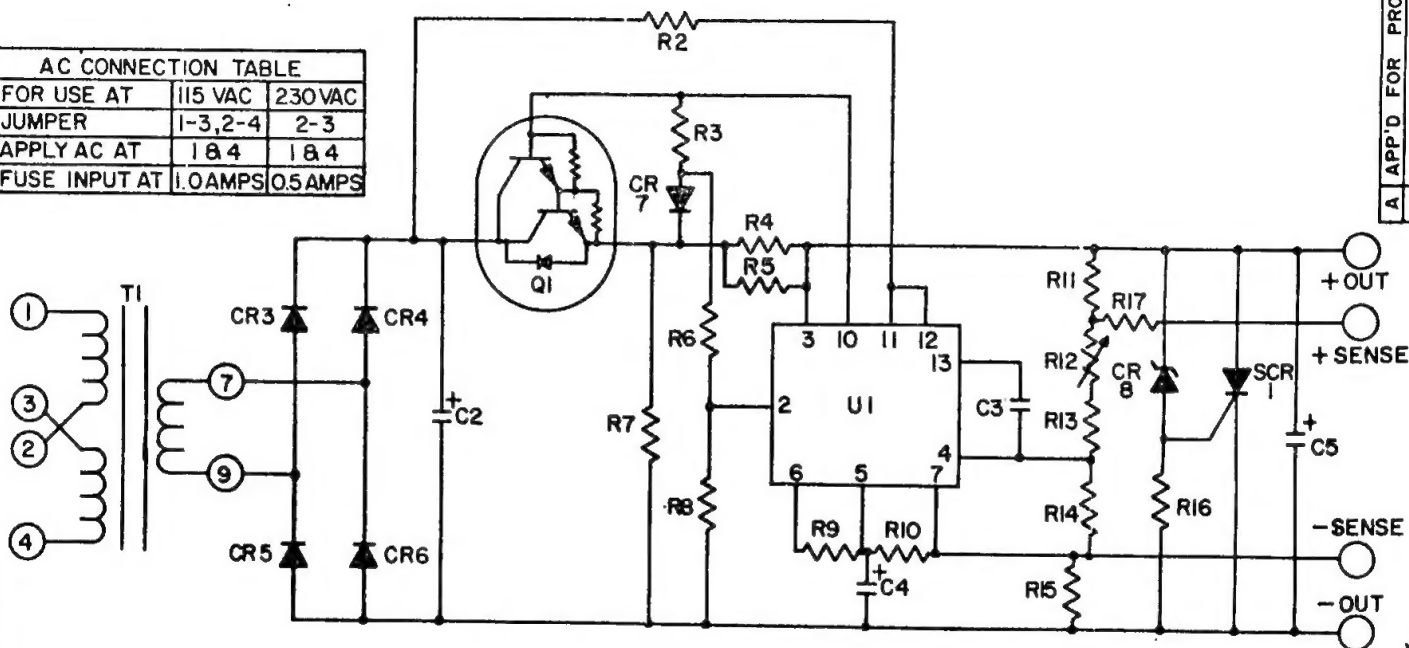
ES.	C12-34 C15-3	CONDOR P/N	QTY	FCBB 24V. SECTION	CONDOR P/N	QTY	DESCRIPTION
C2	7300/35	102-10098	1	3700/60	102-10102	1	CAPACITOR, ALUM. ELECT.
C3	.001/100	104-10093	1	.001/100	104-10093	1	MYLAR
C4	1/50	101-10111	1	1/50	101-10111	1	ALUM. ELECT.
C5	330/35	101-10109	1	330/35	101-10109	1	CAPACITOR, ALUM. ELECT.
CR3,4,5,6	AE3B	111-10252	4	AE3B	111-10252	4	DIODE, RECT., 3A., 100V.
CR7	AE1C	111-10251	1	AE1C	111-10251	1	DIODE, RECT., 1A., 200V.
CR8	---	---	---	---	---	---	DIODE, ZENER
SCR1	---	---	---	---	---	---	SCR
Q1	2N6055	171-10263	1	2N6055	171-10263	1	XSTR, DARLINGTON, NPN
R2,11,15,17	6.8 Ω	151-10313	4	6.8 Ω	151-10313	4	RESISTOR, 1/2W., 5%, C.F.
R3	300 Ω	151-10352	1	300 Ω	151-10352	1	
R6	220 Ω	151-10349	1	330 Ω	151-10353	1	
R7	1K	151-10365	1	2.2K	151-10373	1	
R8	7.5K	151-10386	1	10K	151-10389	1	
R9	2.2K	151-10373	1	2.2K	151-10383	1	
R16	---	---	---	---	---	---	5%, C.F.
R13	750 Ω	152-10502	1	2K	152-10512	1	1%, M.F.
R14	1.6K	152-10510	1	1K	152-10505	1	1/2W., 1%, M.F.
R4	.12 Ω	158-10077	1	.56 Ω	158-10082	2	RESISTOR, 2W., 10%, W.W.
R12	1.5K	155-10085	1	1.5K	155-10085	1	POTENTIOMETER, 2W., W.W., HORZ.
U1	Ua723	130-10287	1	Ua723	130-10287	1	I.C. VOLTAGE REGULATOR
T1 C12/24	11073	082-11073	1	11083	082-11083	1	TRANSFORMER
T1 C15/28	11078	082-11078	1	11088	082-11088	1	TRANSFORMER
PCB	1104	505-11041	1	11041	505-11041	1	PRINTED CIRCUIT BOARD
CHASSIS	11002	412-11002	1	11002	412-11002	1	CHASSIS

CONDOR INC.
SCHEMATIC
FCBB 24V. SECTION
11481
C

DATE: 8/20/79
BY: [Signature]
CHECKED: [Signature]
APPROVED: [Signature]
DIRECTOR: [Signature]

A APP'D FOR PRODUCTION 8-27-79 [Signature]
LTR DESCRIPTION REVISIONS

AC CONNECTION TABLE		
FOR USE AT	115 VAC	230VAC
JUMPER	1-3,2-4	2-3
APPLY AC AT	1 & 4	1 & 4
FUSE INPUT AT	1.0AMPS	0.5AMPS



REF. DES.	BB5-3/OVP	CONDOR P/N	QTY.	CC5-6/OVP	CONDOR P/N	QTY.	DESCRIPTION
C2,10	220/16	101-10107	2	220/16	101-10107	2	CAPACITOR, ALUM.,ELECT.
C8	9000/16	102-10097	1	9000/16	102-10097	1	
C9	—	—	—	9000/16	102-10097	1	ALUM.,ELECT.
C4	.001/100	104-10093	1	.001/100	104-10093	1	CAPACITOR, MYLAR
CR 4, 6, 13	1N4003	111-10251	3	1N4003	111-10251	3	DIODE, RECT., 200V. 1A.
CR12, 14	1N5401	111-10252	2	MR750	111-10256	2	100V. 3A. / 50V. 22A
							RECT.
CR 2	1N752A	112-10006	1	1N752A	112-10006	1	DIODE, ZENER
SCR 2	S0303LS3	160-10256	1	S0508LS3	160-10013	1	SCR 30V. 3A. / 50V. 8A.
Q1	2N6055	171-10263	—	2N6055	171-10263	—	XSTR., DARLINGTON, NPN
Q2	2N6055	171-10263	1	2N6055	171-10263	1	XSTR., DARLINGTON, NPN
Q3							XSTR., POWER
R2, 35, 36	180 Ω	151-10347	3	180 Ω	151-10347	3	RESISTOR, 1/2W., 5%, C.F.
R4	47 Ω	151-10333	1	47 Ω	151-10333	1	
R23, 24	2.2K	151-10373	2	2.2K	151-10373	2	
R25	4.7K	151-10301	1	4.7K	151-10301	1	
R26	470 Ω	151-10337	1	470 Ω	151-10337	1	
		151-			151-		
		151-			151-		
		151-			151-		
		151-			151-		
		151-			151-		
		151-			151-		
		151-			151-		
		151-			151-		
R10	1.8K	152-10510	1	1.8K	152-10510	1	9%, C.F.
		152-			152-		1%, M.F.
R33	12 Ω	158-10077	1	12 Ω	158-10077	1	1/2W. 1%, M.F.
R34	—	158-	—	12 Ω	158-10077	1	2W., 10%, W.W.
R12	1.5K	155-10085	1	1.5K	155-10085	1	RESISTOR, 2W., 10%, W.W.
							POTENTIOMETER, 2W., W.W., HORZ.
U2	Ua 723	130-10287	1	Ua 723	130-10287	1	L.C. VOLTAGE REGULATOR
T1	11388	062-11388	1	11393	062-11393	1	TRANSFORMER, POWER
PCB	11386	505-11386	1	11396	505-11386	1	PRINTED CIRCUIT BOARD
CHASSIS	11007	412-11007	1	11008	412-11008	1	CHASSIS, ALUMINUM

4811 CABLE AUTO
 CABLED 10-11-73

SCHEMATIC
 BB5-3/OVP & CC5-6/OVP

A. APP'D FOR PRODUCTION 10-4-78

11506

1 OF 2

PRODUCTION NOTES:
 1) SCR 2 TO BE HEATSINKED
 ON CC512 ONLY

